

5270
Bundens

EPA

U.S. EPA Region II
290 Broadway
New York, NY 10007

RST2

Technical Direction Document

TDD #: TO-0024-0238

Contract: EP-W-06-072

Core Response Team Year 6 (0024)
Weston Solutions, Inc.

! = required field ☐ Moved To EAS

Note: Remaining Amount
Includes \$0.00 in Reserve.

TDD Name: Selecto Flash, Inc. Removal Assessment		! Period: Option Period 1	
! Purpose: TDD Initiation			
! Priority: High		! Start Date: 05/24/2012	
Overtime: Yes		! Completion Date: 06/30/2012	
! Funding Category: CERCLA/Removal		Invoice Unit:	
! Project/Site Name: Selecto Flash, Inc.			
Project Address: 18 Central Avenue		Activity:	
County:		Work Area Code: RS	
City, State: West Orange, New Jersey		Activity Code:	
Zip:		EMERGENCY CODE: <input type="checkbox"/> KAT <input type="checkbox"/> RIT	
! SSID: A219		FPN:	
CERCLIS: NJD002148799		Performance Based: No	
Operable Unit:			
Authorized TDD Ceiling:		Cost/Fee	LOE (Hours)
Previous Action(s):		\$0.00	0.0
This Action:		\$0.00	200.0
New Total:		\$0.00	200.0

Specific Elements

Description of Work:

GENERAL SITE DESCRIPTION:

The Selecto Flash Inc. (SFI) site is a former large-scale silk screening facility. The site has recently filed for bankruptcy and is in the care of a court appointed trustee. The site is located in a mixed industrial/commercial/residential area. SFI is 1.25 acres in size and is bound by Central Avenue to the northeast, Biddelman Inc. (Biddelman) to the northwest, Mitchell Street and residential properties to the southwest, and an industrial property to the southeast. SFI consists of a main, three-story building, a one-story building, an asphalt parking area adjacent to Central Avenue, and two trailers and a woodshop area on a dirt and gravel parking area adjacent to Mitchell Street. The first floor of the main building housed the silk screening portion of the operations, the second floor was used for digital printing, and the third floor was used as office space.

SFI used solvent-based inks during the 1980s and then changed to ultraviolet (UV) based inks in

279072



the 1990s. Raw materials consisted of small quantities of solvent-based thinners, developers, retarders, and cleaners which were stored in the one-story building. The cleaners used on the silk screens are mainly composed of toluene, isopropyl alcohol, and methyl isobutyl ketone. Spent cleaners, inks, and solvent wash waters were collected in metal troughs, transferred to 55-gallon drums and disposed as hazardous waste. The SFI property is adjacent to the former Biddelman, Inc. (Biddelman) facility, which previously operated as a wholesale distributor of dry-cleaning supplies. Groundwater and subsurface soils samples previously collected from the SFI and Biddelman sites indicated elevated concentrations of trichloroethylene (TCE), tetrachloroethylene (PCE), and vinyl chloride.

A site investigation was conducted at the SFI site in April 2008. Surface and subsurface soil samples were collected along with groundwater from monitoring wells installed on the property and from off-site monitoring wells. This investigation led to the site being proposed to the National Priority List (NPL) as a portion of the Orange Valley Regional Groundwater Contamination site.

In April 2010, the Removal Action Branch (RAB) began a vapor intrusion investigation of residential properties surrounding the SFI site. Fourteen subsurface soil gas samples and five outdoor ambient air samples were collected within right-of-ways surrounding the site. Results indicated elevated concentrations of TCE and PCE. RAB conducted sub-slab soil gas sampling within three residential properties surrounding the SFI site. The results indicated that the concentrations of volatile organic compounds (VOCs) did not pose a threat of exposure in the indoor air above the applicable EPA action guidance levels in the residences sampled.

DESCRIPTION OF WORK:

The project consists of a building entry and determination of whether hazardous substances are present within the SFI buildings. The initial entry will be made and if hazardous substances are found, a second entry including sampling of those substances will be conducted.

1) Initial SFI building entries.

In accordance with the Assessment Activities Section in the SOW, RST 2 shall provide removal site assessment support and perform the following activities: Provide two personnel with Level B capability to support this removal assessment. Entry will be made into the on-site buildings. A meeting to discuss site logistics and task assignments is tentatively scheduled for Monday, June 4, 2012. Fieldwork will be for approximately one day. The building entry is tentatively set for June 5, 2012.

- Conduct a building entry with the Task Monitor.
- Conduct air monitoring within the buildings using a photo-ionization detector including organic vapors, LEL, and oxygen levels.
- Maintain site log.
- Photo-document site buildings and provide digital photos to OSC.

- Prepare health and safety plan: **A draft version is due to the Task Monitor by June 4, 2012, with the final version due one day prior to the visit.**
- Prepare site maps including site layout.
- Document on-site activities.

2) Possible sampling of hazardous substances

In accordance with the Assessment Activities Section in the SOW, RST 2 shall provide removal site assessment support and perform the following activities: Provide **four** personnel with Level **B** capability to support this removal assessment. Prior to mobilization, contact the OSC to discuss site logistics and to determine if a meeting is required to discuss task assignments. Background information will be provided by the Task Monitor at the time of the meeting. Samples will be collected from the drums/containers/trenches/pits. At this time, the fieldwork is expected to last approximately **two days**. The sampling event is tentatively set for early June 2012.

- Conduct a building entry with the Task Monitor.
- Conduct air monitoring within the buildings using a photo-ionization detector including organic vapors, LEL, and oxygen levels.
- Conduct multi-media sampling including drums/containers/trenches/pits.
- Maintain site log.
- Photo-document sample activities and locations and provide digital photos to OSC.
- All sample locations will be GPS'd or documented on a site map.
- Prepare health and safety plan: **A draft version is due to the Task Monitor at least three business days prior to the start of the sampling event, with the final version due one day prior to the visit.**
- Prepare a QAPP. **A draft version is due to the Task Monitor at least three business days prior to the sampling event, with the final version due one day prior to the event.**
- Prepare site maps including site layout.
- Document on-site activities.
- Perform analyses of multi-media samples. Contact the OSC to discuss analytes and turnaround times.
- Perform data validation as required.
- Provide Assessment Report including all validated sampling results and observations **within two weeks** of receipt of all validated analytical results. The report should include the following:
 - Discussion of site background, site layout, general observations, and sampling.
 - Select photographic documentation including captions.
 - Site Location Map (standard), Sample Location Map (Aerial and ~0.5 mi radius of the neighborhood).
 - Analytical results should be tabulated, but do not need to be compared to a regulatory standard.
 - Tabulated results should be attached to the report. Results do not need to be

- summarized in body of the report.
- Validated analytical data packages scanned to CD or DVD.

Accounting and Appropriation Information

										SFO:
Line	DCN	IFMS	Budget FY	Appropriation Code	Budget Org Code	Program Element	Object Class	Site Project	Cost Org Code	Amount
										\$0.00

Funding Summary:		Funding
Previous:		\$0.00
This Action:		\$0.00
Total:		\$0.00

Funding Category
CERCLA/Removal

Work Assignment Manager Section

- Signed by Akhil Verma/R2/USEPA/US on 05/24/2012 10:47:47 AM, according to Richard Craig/rfw-s

Work Assignment Manager: Gaughan

Date: 05/24/2012

Phone #:

Project Officer Section - Signed by Akhil Verma/R2/USEPA/US on 05/24/2012 10:49:09 AM, according to Richard Craig/rfw-s

Project Officer: Akhil Verma

Date: 05/24/2012

Contracting Officer Section - Signed by Anthony Tao/R2/USEPA/US on 05/29/2012 01:18:08 PM, according to Richard Craig/rfw-s

Contracting Officer: Anthony Tao

Date: 05/29/2012

Contractor Section - Signed by Richard Craig/rfw-start/us on 05/30/2012 05:31:00 PM, according to /rfw-s

Contractor Contact: Richard Craig

Date: 05/30/2012

REGION 2 RST 2

TDD FILE CHECKLIST

PROJECTNAME: Electro Flash, Inc. TDD#: TD-0024-0238

LEAD RST 2 MEMBER: Burdens/Burton TASK #: 5270

REQUIRED (Y/N)	ITEM	DATE ENTERED
Y	TDD FORM	5-30-12
	TDD AMMENDMENTS	
Y	DRAFT AOC	
Y	FINAL AOC	
Y	H & S PLAN/WAIVER	
	TRIP REPORT	
	LOG BOOK COPIES	
	SAMPLING PLAN	
	ANALYTICAL DATA	
	SITE PHOTOGRAPHS/VIDEO	
	MAPS	
	OTHERS	
	OTHERS	
	OTHERS	
	OTHERS	
	OTHERS	
	OTHERS	

Comments: _____

Final file inspected by: _____ Date: _____